Museum
Fafon

CONTENTS
1946, Nos. 1-4

ACKROYD, JOSEPH F., and RICHARD L. HOFFMAN
An Albinistic Specimen of *Pseudacris feriarum* 257

APPLEGATE, VERNON C. (*See* W. F. CARBINE)

BARBOUR, ROGER W.
Additional Record of the Narrow-mouthed Toad in Kentucky 44

BARBOUR, ROGER W., and L. Y. LANCASTER
Food Habits of *Desmognathus fuscus* in Kentucky 48

BAUGHMAN, J. L.
An Erroneous Record of a Marine Ray (*Trygon tuberculata*) from Lake Champlain 42
An Interesting Association of Fishes 263

BISHOP, S. C.
An Alleged New Species of Muskellunge 43

BONHAM, KELSHAW
Measurements of Some Pelagic Commercial Fishes of Hawaii (2 figs.) 81

BREDER, C. M., JR.
On the Mating Behavior of Free Garter Snakes Associated with Water (1 fig., 2 pls.) 236

BROOKS, MAURICE
Burrowing of *Plethodon jordani* 102

CAGLE, FRED R.
A Lizard Population on Tinian (4 figs.) 4
Tail Loss and Regeneration in a Pacific Island Gecko 45
Eggs of the Lizard *Gehyra oceanica* 101
Typhlops braminus in the Marianas Islands 101

CARBINE, W. F., and VERNON C. APPLEGATE
Recaptures of Tagged Walleyes, *Stizostedion v. vitreum* (Mitchill), in Houghton Lake and the Muskegon River, Roscommon County, Michigan.. 97

CARR, A. F., JR.
Status of the Mangrove Terrapin (1 fig.) 170

CLARKE, C. H. D.
Mystery Fish Tag 43

CLOTHIER, CHARLES R.
Vertebral Variation with Size in *Clevelandia ios* (6 figs.) 113

COLBERT, EDWIN H.
The Eustachian Tubes in the Crocodilia (1 pl.) 12

COWLES, RAYMOND B.
Swimming Ability of the Alligator Lizard 105
Note on the Arboreal Feeding Habits of the Desert Iguana (1 pl.) 172

DAVIS, D. DWIGHT
Observations on the Burrowing Behavior of the Hog-nosed Snake (1 fig.) 75

DRIVER, E. C.
Delayed Hatching in the Box Turtle 173

DUNN, EMMETT R.
Thomas Barbour (1 pl.) 1

EVENDEN, FRED G., JR.
Notes on the Herpetology of Elmore County, Idaho 256

FITCH, HENRY S., and HOWARD TWINING
Feeding Habits of the Pacific Rattlesnake 64

FOWLER, J. A.
The Eggs of *Pseudotriton montanus montanus* 105

FRASER-BRUNNER, A.
The Probable Identity of *Neacanthopsis gracilentus* H. M. Smith 262

FRIDDLE, SAUFLEY B. (*See* L. WAYNE WILSON)

GLASS, BRYAN P.
Hyla crucifer in Texas 103
A Collection of Reptiles from Hunan and Anhwei Provinces, China 249

GOIN, COLEMAN J. (*See* M. GRAHAM NETTING)

GUNTER, GORDON
A New Species of Flatfish, *Cyclopsetta decussata* (Pleuronectidae), from the Texas Coast (1 fig.) 27

HAMILTON, W. J., JR.
Summer Habitat of the Yellow-barred Tiger Salamander 51

HARTWEG, NORMAN
Confirmation of Overwintering in Painted Turtle Hatchlings 255

HERMAN, ELMER F.
Notes on the Effect of Cauterization in Fin-clipped Trout (1 pl.) 96

HILTON, WILLIAM A.
Salamanders from Northern California 45

HOFFMAN, RICHARD L. (*See* JOSEPH F. ACKROYD)

HUBBS, CARL L.
An Arm Protractor for the Precise Measurement of Angles in Systematic Ichthyology (1 fig.) 79
Pertinence of the East Indian Heterosomate Fish Genus *Lepidoblepharon* to the Citharidae 97

HUBBS, CARL L., and ELIZABETH M. KAMPA
The Early Stages (Egg, Prolarva and Juvenile) and the Classification of the California Flyingfish (1 pl., 4 figs.) 188

INGER, ROBERT F.
Restriction of the Type Locality of *Thamnophis sirtalis* 254

JEAN, YVES
Two Northern Longnose Gars, *Lepisosteus osseus oxyurus* Rafinesque, Caught in the Estuary of the St. Lawrence, Quebec 100

JOHNSON, MURRAY L.
Herpetological Notes from the West Indies 50
Herpetological Notes from Trinidad 108

KAMPA, ELIZABETH M. (*See* CARL L. HUBBS)

KELLER, WILLIAM F. (*See* ROBERT A. LITTLEFORD)

KENNEDY, W. A. (*See* R. B. MILLER)

KOSTER, WILLIAM J.
Records of the Snapping Turtle from New Mexico 173
The Robber Frog in New Mexico 173

LACHNER, ERNEST A. (*See* EDWARD C. RANEY)

LANCASTER, L. Y. (*See* ROGER W. BARBOUR)

LANGEBARTEL, DAVE
A Giant Tiger Salamander 51

LEWIS, THOMAS H.
Notes on Reptiles from the State of Washington (1 pl.) 155

LITTLEFORD, ROBERT A.
A Congress of Fowler's Toad 104

LITTLEFORD, ROBERT A., and WILLIAM F. KELLER
Observations on Captive Pilot Black Snakes and Common Water Snakes 160
Egg Laying and Development of the Pilot Black Snake 169

LUTZ, BERTHA
A Notable Frog Chorus in Brazil 153

MARSHALL, NELSON
Observations on the Comparative Ecology and Life History of Two Sea Robins, *Prionotus carolinus* and *Prionotus evolans strigatus* (1 pl., 7 figs.). 118

MEACHAM, FRANK B.
An Albino Pilot Black Snake from North Carolina 102

MILLER, R. B., and W. A. KENNEDY
Color Change in a Sculpin 100

MILLER, RICHARD B.
Notes on the Arctic Grayling, *Thymallus signifer* Richardson, from Great Bear Lake (8 figs.) 227

MILLER, ROBERT R.
The Probable Origin of the Soft-shelled Turtle in the Colorado River Basin... 46

MORRISON, FRED D. (*See* GRACE L. ORTON)

MYERS, GEORGE S.
On a Recently Proposed New Family of Deep-Sea Fishes (Barbourisiidae, Parr, 1945) 41
Occurrence of Uranoscopid Fishes of the Western Pacific Genus *Gnathagnus* in the American Atlantic Fauna 42

NEILL, WILFRED T., JR.
Notes on *Crocodylus novae-guineae* 17
An Autophagous Lizard 104
Notes on Banded Water Snakes from Georgia 255
An Unusual Habitat for Frogs and Lizards 258

NETTING, M. GRAHAM, and COLEMAN J. GOIN
The Correct Names of Some Toads from Eastern United States 107
Acris in Mexico and Trans-Pecos Texas 253

NICHOLS, J. T.
On Young Western Atlantic Seriolas 259

NIKOLSKY, GEORGE
Investigations on the Subfossil Fresh-Water Fishes in the Soviet Union 24

OBRECHT, CARL B.
Notes on South Carolina Reptiles and Amphibians 71

OLIVER, JAMES A.
An Aggregation of Pacific Sea Turtles 103

ORTON, GRACE L.
The Size of the Slimy Salamander 107

ORTON, GRACE L., and FRED D. MORRISON
Some Amphibians and Reptiles from the Gold Coast 15

PARR, ALBERT EIDE
A New Species of *Gyrinomimus* from the Gulf of Mexico (1 pl.) 116
On Taxonomic Questions Related to the Classification of *Barbourisia*, the Cetomimidae and the Iniomi 260

RANEY, EDWARD C., and ERNEST A. LACHNER
Thoburnia hamiltoni, a New Sucker from the Upper Roanoke River System in Virginia (1 pl., 1 map) 218

PETERS, JAMES A.
Reptiles and Amphibians of Sam A. Baker State Park, Wayne County, Missouri 44
Records of Certain North American Salamanders 106

RASQUIN, PRISCILLA
On the Reappearance of Melanophores in Blind Goldfish 85

RAVEN, H. C.
Predators Eating Turtle Eggs in the East Indies 48

ROUNSEFELL, GEORGE A.
Fish Production in Lakes as a Guide for Estimating Production in Proposed Reservoirs (3 figs.) 29

SCHMIDT, KARL P.
The New Systematics, the New Anatomy and the New Natural History 57
On the Zoogeography of the Holarctic Region (1 map) 144

SCRIMSHAW, NEVIN S.
Egg Size in Poeciliid Fishes 20

SHAW, CHARLES E.
A New Locality for the Spiny Chuckwalla, *Sauromalus hispidus* 254

SMITH, ALBERT G.
Notes on the Secondary Sex Characters of *Thamnophis ruthveni* 106

SMITH, MALCOLM A.
Stanley Smyth Flower (1 pl.) 185

SNYDER, RICHARD C.
Plethodon welleri from Flat Top Mountain, North Carolina 174

SPRINGER, STEWART
A Collection of Fishes from the Stomachs of Sharks Taken Off Salerno, Florida. 174

STICKEL, LUCILLE F. *See* WILLIAM H. STICKEL)

STICKEL, WILLIAM H., and LUCILLE F. STICKEL
Sexual Dimorphism in the Pelvic Spurs of *Enygrus* (2 figs.) 10

SWANSON, PAUL L.
Tarpon in the Pacific 175
Effects of Snake Venoms on Snakes 242

TURNER, C. L.
Male Secondary Sexual Characters of *Dinematichthys iluocoeteoides* (1 pl.) .. 92

TWINING, HOWARD (*See* HENRY S. FITCH)

WALFORD, L. A.
New Southern Record for Atlantic Halibut 100

WILSON, L. WAYNE, and SAUFLEY B. FRIDDLE
Notes on the King Snake in West Virginia 47

WOOD, JOHN THORNTON
Graptemys geographica (Le Sueur) Added to Herpetofaunal List of Great Smoky Mountains National Park 168
Measurements of a Giant *Pseudotriton montanus montanus* Larva from Great Smoky Mountains National Park 168
Additional Ohio Records of *Plethodon richmondi* 169